

FIG. 1

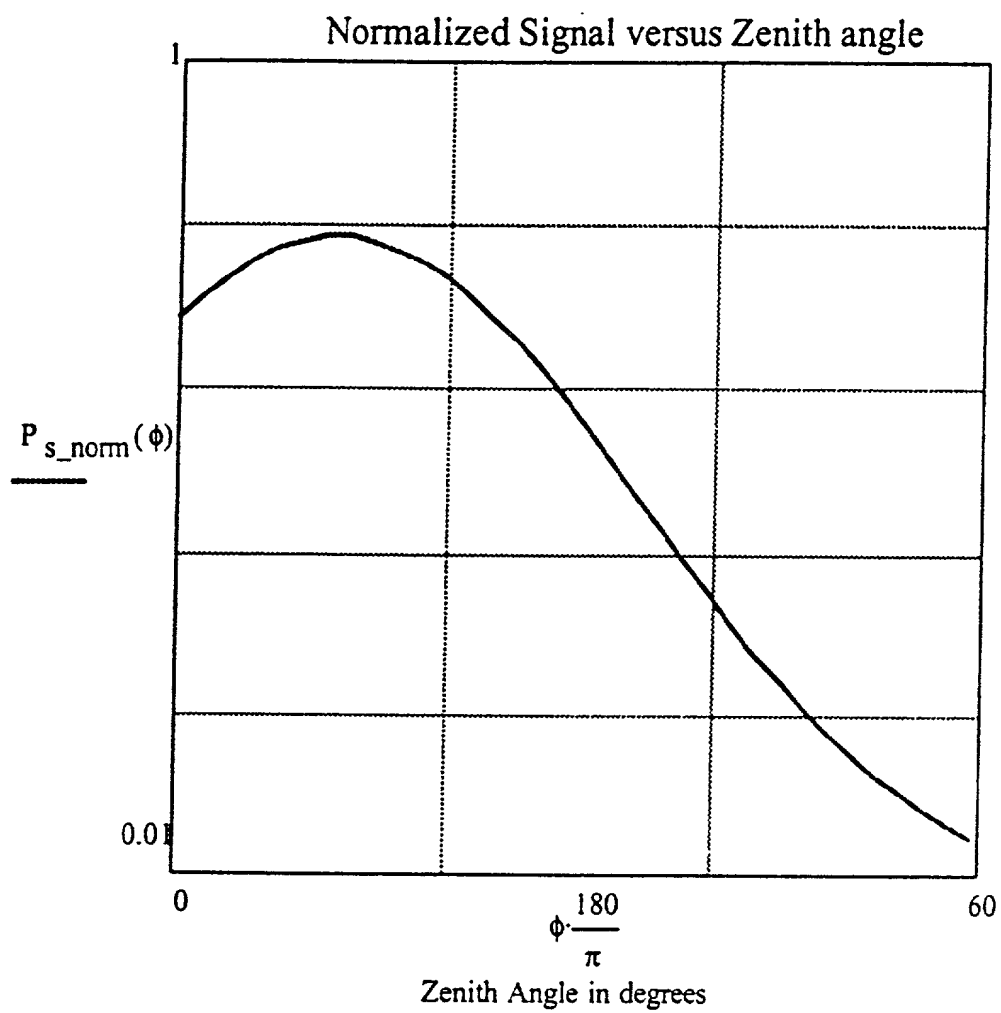
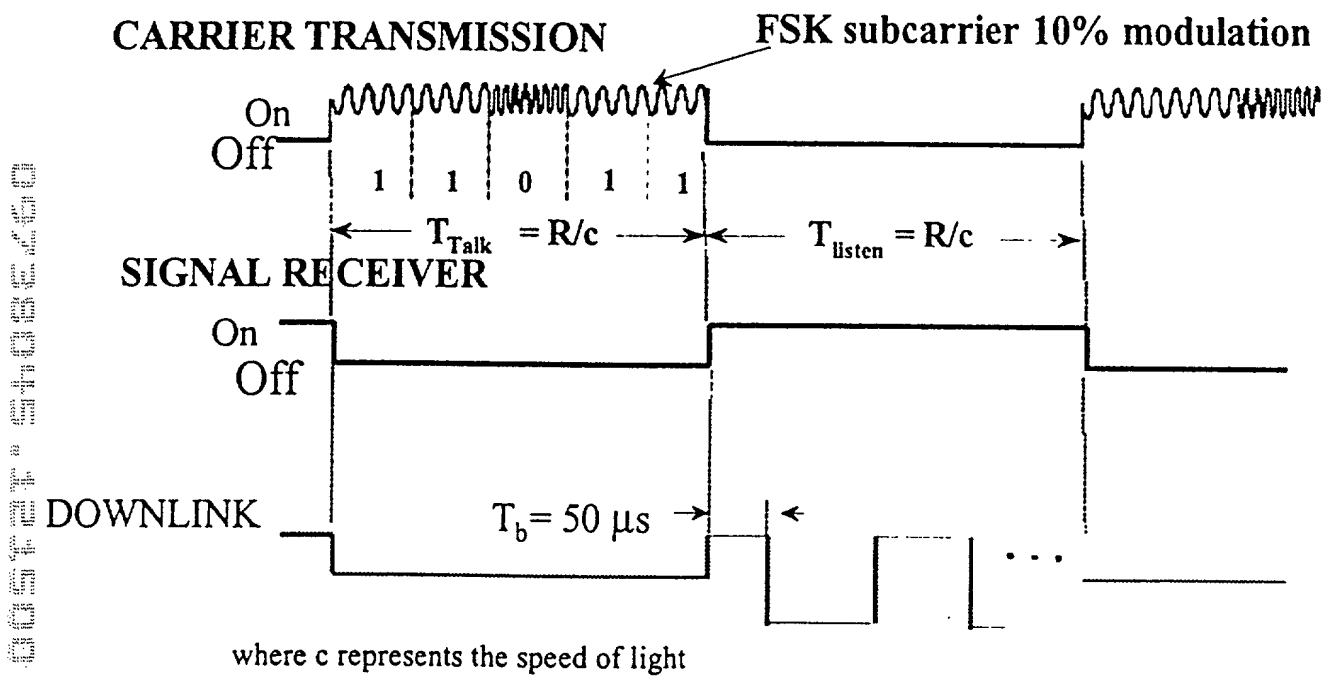


FIG. 2

Figure 1 is a log-log plot showing Power in dB versus Data Rate (bps). The y-axis ranges from -50 to 10 dB, and the x-axis ranges from 1000 to 10,000 bps. Two curves are plotted: $P_{T1}(DR)$ (solid line) and $P_{T2}(DR)$ (dotted line). Both curves show a linear increase in power with data rate. $P_{T1}(DR)$ is consistently higher than $P_{T2}(DR)$.

FIG. 3



where c represents the speed of light

FIG. 4